

DAT Conference Call Summary 6/10/2008

I. Participants

AChu(DWR), FFeyrer(DWR), GAasen (DFG), TBoardman (SLDMWA), LShih(CCWD), AGleason (DFG), LBartoo (FWS), NHindman (FWS), JSnow (WWD), JSpeegle (FWS), ABourandas (FWS), JWhite (DFG), MFord (DWR)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 6/17/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

Red Bluff Diversion Dam: No Report

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek: Flows have dropped to 215cfs. Water temperature is at 63F. Over the last week, 4 young-of-year Chinook salmon and 1 steelhead were collected.

Deer Creek: No sampling.

Butte Creek: No report.

GCID: No report.

Knights Landing: There has been a continued decline in catch since a peak in mid May. Over the last week through June 6th there were 2 traps operating for 4 days. A single 63mm Chinook salmon was collected.

IV. Delta Monitoring

For the period 06/01/08 - 06/07/08

Sacramento MWTR, 2 days, 20 samples, 7 CHNF & 1 CHNT Mossdale KDTR, 10 tows/day Monday-Friday, 24 non clipped Chinook salmon, Chipps Island MWTR, 3 days, 39 samples, 19 CHNF, 8 CHNT, 5 LFS, 1 SPLT, & 1DSM (81 mm)

Lower Sacramento Seine, 1 day, 6 samples, 43 SPLT & no other species of concern North Delta Seine, 1 day, 9 samples, 81 SPLT & no other species of concern Central Delta Seine, 1 day, 6 samples, 2 SPLT & 1 DSM (78 mm at Sandy Beach) South Delta Seine, 1 day, 7 samples, 27 SPLT & no other species of concern San Joaquin Seine, 1 day, 2 samples, 3 SPLT & no other species of concern Bay Seine, 1 day, 2 samples, No species of concern

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>
Done for the year.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 6 was conducted May 27-30. 33 stations were sampled. So far 23 stations have been completely processed. 20 delta smelt have been observed so far at 12 stations. The size range was 9-42mm with an average of 25.

438 longfin smelt have been observed so far from 17 stations. The size range was 15-59 mm with an average of 25.

Survey 7 started June 9th

Summer Townet: <http://www.delta.dfg.ca.gov/data/townet/>

Sampling started May 2nd. Preliminary results from the first 3 days of sampling: 22 delta smelt from stations 809, 704, 707, 513, 508, 520. Size range was 22-45mm.

L349 longfin smelt from stations 704, 706, 804, 801, 513, 508, 520.

SWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The SWG met on June 9th.

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Chinook Salmon:

Fall run Chinook salmon (NOT adipose clipped) were salvaged at the federal (weekly salvage = 60) and state (weekly salvage = 84) facilities for the period of reporting.

Fall run Chinook salmon (adipose clipped) were salvaged at the federal facility (weekly salvage = 4)

No late-fall run Chinook salmon were salvaged at either facility for the period of reporting.

No Winter run Chinook salmon were salvaged at either facility for the period of reporting.

Spring run Chinook salmon (NOT adipose clipped) were salvaged at the federal (weekly salvage = 4) and state (weekly salvage = 4) facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of all races of Chinook salmon at the federal facility is 2125 adipose clipped [loss = 1494] and 6704 NOT adipose clipped [loss = 5544].

The seasonal (10/01/2007 to present) salvage total of all races of Chinook salmon at the state facility is 1007 adipose clipped [loss = 4536] and 3919 NOT adipose clipped [loss = 17151].

Steelhead:

No steelhead were salvaged at the federal facility for the period of reporting.

Steelhead (adipose clipped) were salvaged at the state facility (weekly salvage= 4) for the period of reporting.

Steelhead (NOT adipose clipped) were salvaged at the state facility (weekly salvage= 8) for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of Steelhead at the federal facility is 1578 adipose clipped and 309 NOT adipose clipped.

The seasonal (10/01/2007 to present) salvage total of Steelhead at the state facility is 1262 adipose clipped and 669 NOT adipose clipped.

Delta smelt:

Delta smelt were salvaged at the federal (weekly salvage = 112) and state (weekly salvage = 118) facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of delta smelt at the state facility is 766. (See attached reports.) The seasonal (10/01/2007 to present) salvage total of delta smelt at the federal facility is 891.

Larval delta smelt were sampled at the federal facility on June 1st and 4th for the period of reporting.

Longfin smelt:

No longfin smelt were salvaged at either facility for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of longfin smelt at the state facility is 1110. (See attached reports.) The seasonal (10/01/2007 to present) salvage total of longfin smelt at the federal facility is 369.

No larval longfin smelt were sampled at either facility for the period of reporting.

Splittail:

Sacramento splittail were salvaged at the state (weekly salvage = 15) and federal (weekly salvage = 128) facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of splittail at the state facility is 4857. The seasonal (10/01/2007 to present) salvage total of splittail at the federal facility is 1189.

Sturgeon:

No green or white sturgeon was salvaged at the CVP or the SWP for the period of reporting. The seasonal (10/01/2007 to present) salvage total of green sturgeon at the federal facility is 8. The seasonal (10/01/2007 to present) salvage total of white sturgeon at the state facility is 38.

VII. Operations

SWP Delta Ops Summary: <http://www.woco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 200cfs.

Oroville – 3,000cfs.

San Luis - SWP share of San Luis capacity is 698 taf.

X2 - ~ 80.4 km

E/I - 14-day ~9.67%

CVP:

Jones PP – 400cfs, will be shut down from 11am-11pm on 6/10

DCC – Open this Friday and then will remain open.

Trinity – 2,000cfs

Clear Creek – 200cfs

Keswick – 10,500cfs

Nimbus – 4,000cfs

Goodwin – 350cfs

San Luis - CVP share of capacity is 296 taf.

Flows:

Sacramento River at Freeport ~ 8,554cfs

San Joaquin River at Vernalis ~ 1,195cfs

Delta Outflow ~ 6,300cfs. 3-day average is 7,100cfs.

Old & Middle River flow ~ USGS 7-day average is -1,533cfs as of June 7th
(DWR provisional estimate is -1,350cfs as of June 9th).

Note: Project operators indicated that outflow requirements are currently controlling the Project operations.

Temperature:

Daily average for 6/9/08

Antioch ~ 20.0C

Rio Vista ~ 20.6C

Mossdale ~ 22.9C

3-Station Average ~ 21.2C

Temporary Barriers:

STATUS AS OF: June 6, 2008

Head of Old River (HOR) Barrier:

The spring HOR barrier work will not be installed this year due to a court decision by US District Court Judge Wanger that prohibited the installation of the spring barrier to increase protections for delta smelt. This is an interim decision that effects the 2008 season only. The fall HORB is not effected.

Agricultural Barriers (Old River near Tracy [ORT], Middle River [MR], Grant Line Canal [GLC]):

Work began May 12 at the DMC barrier with closure being completed on Wednesday, June 4. The Middle River barrier construction began on May 20 and was completed May 21. Crews began construction of the Grant Line Canal north abutment (boat ramp) on May 19. Partial closure (completion of the boat ramp) was completed on Monday, June 2. Full closure of the GLC barrier will be determined afterwards depending on water levels and delta smelt issues. All flap gates on the barriers remain tied open. The flap gates may be untied (operating normally) if necessary to protect south Delta water levels but only with fishery agencies approval. Currently fishery requirements dictate that the gates will remain tied open until at least June 10.

Modeling:

Modeling was begun this week but was not received in time for today's update. Modeling results will be again sent out in a separate emailing early next week. A look at CDEC data for this week shows water levels improving at the three sites monitored above the barriers. This is partly due to closure of the ORT barrier this week.

Notes:

Fishery agencies and DWR will be closely monitoring conditions for Delta smelt which might effect operations of the barriers during May/June. Changes in flap-gate operations on the culverts, delaying filling of the GLC center section, removal of the barriers, and changes to SWP/CVP export operations are all possible actions that could be taken to protect smelt if necessary.

VIII. Delta Water Quality

X2 standard:

The standard for June projects to require 1 day at Chipps Island by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 11,400cfs. In addition, the same standard at Collinsville is required for all the days in June by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 7,100cfs.

E/I:

35%

Delta Cross Channel:

Can be closed up to 14 days until June 15th. The gates will remain closed through June 15th, except that they will be opened on the weekends.

Contra Costa Canal:

Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L are projected to be required for 155 days per critical year type. To date, 130 days already been met.

South Delta salinity:

30-day average EC \leq 0.7 mS/cm.

West Delta salinity:

14-day average EC @ Emmaton $<$ 2.78 mS/cm, Jersey Point $<$ 2.20 mS/cm

Vernalis flows:

Base minimum monthly average $>$ 710cfs

7-day average $>$ 568cfs

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>